



Charles D. Baker, Governor  
Karyn E. Polito, Lieutenant Governor  
Jamey Tesler, Acting MassDOT Secretary & CEO  
Steve Poftak, General Manager



June 23, 2022

**SUBJECT: Request for Proposal / RFP #1F-22 / Procurement of 40-foot Low Floor  
Battery Electric Buses / COMMBUYS Bid# BD-22-1206-MBTA-MBTA-  
74136**

**Addendum No. 7**

Dear Bidders:

Please be advised that the above has been amended and/or clarified as shown on the attached that is made a part of herein.

Acknowledgment of this Addendum must be so noted on your proposal submittal.

**ALL ELSE REMAINS AS PREVIOUSLY STATED.**

Sincerely,

*Aidan Flynn*

Aidan Flynn  
Sourcing Executive

Attachment

**MBTA**  
**RFP 1F-22 / Technical Specification VE21-054**

**CLARIFICATIONS**

**Question 1:**

Would like to clarify that the destination sign Ethernet integration with the ITS system may not be realized in the ITS system and may require additional development costs on behalf of the ITS supplier.

**Response 1:**

Please refer to Technical Specification Section 76.3 which provides additional ITS requirements which note in part: *“The Contractor shall be responsible for the integration, installation and testing of the ITS on every vehicle prior to delivery to the Authority.”*

**Question 2:**

We would like to clarify that the vendor component firmware is handled by component vendors.

**Response 2:**

Please refer to Technical Specification Section 79 which states in part: *“. . . the Contractor shall provide software configuration control and management services for all bus components and systems software during the pilot and production stages of the procurement, and the fourteen (14) year or 500,000 mile service life of the bus following delivery.”*

**Question 3:**

Please confirm that the destination sign at the rear door visible from the Q'Straint Quantum position as noted in Technical Specification Section 81.5 refers to the Variable Message Sign as provided by the ITS supplier.

**Response 3:**

The destination sign requirements of Technical Specification Section 81.5 refers to the Variable Message Signs (VMS) with additional requirements identified in Technical Specification Attachment 4, Section E.

**Question 4:**

Our proposal is based on providing a J1708/J1587 data link between the VCU and MCU Controller. J1939 VLAN interface is not currently available in our bus.

**Response 4:**

Technical Specification Section XIV and TS Attachment 4 systems and interface will be evaluated during the design review process.

**Question 5:**

We request clarification to understand what the contractor needs to supply and install for the Cubic Fare Validation system. Is it a full system or is wiring only required?

**Response 5:**

The Contractor shall supply and install all components. Please refer to to Technical Specification Section 66.1 and TS Attachment 7 for additional requirements.

**Question 6:**

We interpret Technical Specification Attachment 10 Section 4.1 (B): *“The MBTA may choose to use this feature to take over part or all of the above-specified functionality in the future. For example, the MBTA may decide to use this feature to drive the display of advertising instead of using the CMS, or the MBTA may decide to use this feature to drive the entire display and use its own passenger information logic. This URL can be used to drive part of the display or the entire display accordingly”* as a scope change due to a change in functionality.

**Response 6:**

Technical Specification Attachment 10 Section 4.1 (B) is not a scope change. Please refer to Technical Specification Attachment 10 Section 4.1 (A) which requires the Contractor to provide: *“The screens shall be configurable to display a URL provided by the MBTA”*. Section 4.1B provides an example of required system capabilities and how the Authority may use this feature.

**Question 7:**

Technical Specification Attachment 10 Section 6.1 requires a portrait screen orientation. We recommend a landscape orientation mounted along the ceiling of the vehicle.

**Response 7:**

Technical Specification Attachment 10 Section 7.1 (B) further states: *“The Contractor shall perform a viewing angle analysis for all seated positions and secured mobility device locations, and shall perform a glare/reflection study, and submit for review as part of CDR 14”*.

**Question 8:**

We will be moving from a hosted CMS to a cloud based solution in 2023 and will update the Technical Specification Attachment 10 *Dual Sided Passenger Information Screen* system when the upgrade becomes available.

**Response 8:**

If awarded, the Contractor shall provide, install, and fully integrate, on two pilot buses and eight production buses (ten buses in total), a dual-sided LCD passenger information screen that allow for display of real-time passenger information and advertising per the TS Attachment 10 requirements. Please refer to RFP 1F-22 for bus delivery requirements and Technical Specification design review process.

**Question 9:**

Request approval for breakover angle of 7.8 degrees when driving.

**Response 9:**

Please refer to Technical Specification Section 6.6 for Authority breakover angle requirements.

**Edit RFP Attachment 3 Item 12 Certification: Performance Guarantee as follows in italics and bold:**

Item 12: Certification: Performance Guarantee

The undersigned hereby certifies that the Bidder will provide a ~~8%~~**12%** Performance Guarantee in accordance with RFP Section 3.3.

Designate below which form of Performance Guarantee will be provided:

\_\_\_\_\_ ~~8%~~**12%** Performance Bond in accordance with RFP Section 3.3.  
Statement from Surety to be attached herein.

\_\_\_\_\_ ~~8%~~**12%** Irrevocable Stand-By Letter of Credit in accordance with  
RFP Section 3.3.  
Statement from Banking Institution to be attached herein.

COMPANY NAME: \_\_\_\_\_

AUTHORIZED SIGNATURE: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

**Please see RFP Attachment 3 Rev A (attached separately) with the edits above to be included as part of RFP 1F-22 technical proposal documents.**

**ALL ELSE REMAINS AS PREVIOUSLY STATED.**